

83–516 Draining of air-conditioning system

Conventional tools

Wrench 1/2 x 9/16"

Assembly tester with 3 filling hoses and vacuum pump
or evacuating and filling unit for air-conditioning systems

e.g. made by Christof Fischer,
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Note

In the event of repairs on air-conditioning system,
drain entire system.

Attention!

Pay attention to safety measures (83–504).

Draining the system

- 1 Unscrew closing caps (1) of both service valves.
- 2 Connect assembly tester, evacuating and filling unit or two filling hoses to service valves. Make sure that the pressure pin in offset end of filling hoses opens the Schrader valve elements in service valves.
- 3 **Slowly** drain refrigerant either into a glass bottle or into the open air. If quickly drained, the refrigerant will carry the oil from system and refrigerant compressor along.
- 4 The system is completely drained as soon as the pressure gauge indicates 0 bar or only a slight overpressure, or when no more refrigerant comes out of connected filling hoses.
- 5 Unscrew hose lines and close service valves with closing caps. The required repairs can then be made.

